Plain and Reinforced Concrete Laboratory
Civil Engineering Department
University of Engineering and Technology, Lahore. Pakistan
Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
A carbon copy for the report has been retained in the lab for record.

4221
Dr. Umbreen

To: Mr. Rashid Kafeel
Pakistan Atomic Energy Commission S&F, DG SETUP, KCP Complex (Jauharabad)

Project: Construction of Bath Rooms for 52 (No) F-Type Houses at KCP Colony.

Our Ref. No. CL/CED/ 436 **Dated: 22-11-22** **Test Specification**

Your Ref. No. Nil **Dated: 11-11-22** **(BS 3921**)**

COMPRESSION TEST REPORT

Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specimens received on: 11-11-22 **Tested on:** 22-11-22 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	A*1	---	---	---	9 x 4.3 x 2.7	3215	2745	38.7	19	1100	17.12	Machine Made
2	A*1	---	---	---	9 x 4.2 x 2.7	3040	2605	37.8	21	1244	16.7	Machine Made
3	A*1	---	---	---	9 x 4.3 x 2.8	3165	2695	38.7	15	868	17.44	Machine Made
4	A*1	---	---	---	9 x 4.3 x 2.8	3120	2660	38.7	25	1447	17.29	Machine Made
5	A*1	---	---	---	9 x 4.4 x 3	3415	2885	39.6	17	962	18.37	Machine Made
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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Civil Engineering Department
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ORIGINAL
A carbon copy for the report has been retained in the lab for record.

4268
Dr. Umbreen

To: Mr. Muhammad Irfan, Material Engineer
Banu Mukhtar Contracting (Pvt.) Ltd.

Project: Construction of Burj-1 by Ajwa Builders

Our Ref. No. CL/CED/ 437 **Dated: 22/11/2022** **Test Specification**

Your Ref. No. DOC-BMC/AJWA/028 **Dated: 16/11/2022** **(ASTM C39)**

COMPRESSION TEST REPORT

ONLINE REPORT

Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specimens received on: 17/11/2022 **Tested on:** 22/11/2022 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Trial#1, 850 (6000 Psi)	5	11	2022	6Diax12	---	13.8	28.28	83	6574	---	Non Engraved
2	Trial#1, 850 (6000 Psi)	5	11	2022	6Diax12	---	14	28.28	86	6812	---	Non Engraved
3	Trial#1, 850 (6000 Psi)	5	11	2022	6Diax12	---	14	28.28	90	7129	---	Non Engraved
4	Trial#2, 858 (6000 Psi)	5	11	2022	6Diax12	---	14	28.28	92	7287	---	Non Engraved
5	Trial#2, 858 (6000 Psi)	5	11	2022	6Diax12	---	14	28.28	90	7129	---	Non Engraved
6	Trial#2, 858 (6000 Psi)	5	11	2022	6Diax12	---	14	28.28	92	7287	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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ORIGINAL
A carbon copy for the report has been retained in the lab for record.

4288
Dr. Umbreen

To: Sub Divisional Officer
Buildings Sub Division No. 20, Lahore.

Project: Construction of Office Building of Chief Inspectorate of Mines Punjab, Lahore (ADP No. 4556 for year 2022-23)

Our Ref. No. CL/CED/ 438 **Dated: 22/11/2022** **Test Specification**

Your Ref. No. 437/20th **Dated: 21/11/2022** **(ASTM C39)**

COMPRESSION TEST REPORT

ONLINE REPORT

Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specimens received on: 21/11/2022 Tested on: 22/11/2022 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	RCC Col. F/F (1:1.5:3)	26	10	2022	6Diax12	---	13	28.28	61	4832	---	Non Engraved
2	RCC Col. F/F (1:1.5:3)	26	10	2022	6Diax12	---	13.6	28.28	63	4990	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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ORIGINAL
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4288
Dr. Umbreen

To: Sub Divisional Officer
Buildings Sub Division No. 20, Lahore.

Project: Construction of Office Building of Chief Inspectorate of Mines Punjab, Lahore (ADP No. 4556 for year 2022-23)

Our Ref. No. CL/CED/ 439 Dated: 22/11/2022 Test Specification

Your Ref. No. 436/20th Dated: 21/11/2022 (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specimens received on: 21/11/2022 **Tested on:** 22/11/2022 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	RCC G/F Roof (1:2:4)	23	10	2022	6Diax12	---	13.2	28.28	59	4673	---	Non Engraved
2	RCC G/F Roof (1:2:4)	23	10	2022	6Diax12	---	13.4	28.28	63	4990	---	Non Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
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ORIGINAL
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4264
Dr. Umbreen

To: Lt. Col (R) Khalid Mahmood Zia
Resident Engineer, Associated Consulting Engineers ACE Limited. (M/S Rizcon Engineering)

Project: Construction works of Residence Apartments / Buildings at New Campus of Government College University Lahore at Kala Shah Kaku (Phase II).

Our Ref. No. CL/CED/ 440 Dated: 22/11/2022 Test Specification

Your Ref. No. RE/GCU(KSK)/T-1020/10 Dated: 15/11/2022 (ASTM C39)

COMPRESSION TEST REPORT

ONLINE REPORT

Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specimens received on: 16/11/2022 Tested on: 22/11/2022 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Footings&Footing Beams(1:2:4)	13	10	2022	6Diax12	---	13.4	28.28	47	3723	---	Non Engraved
2	Footing & Footing Beam (1:2:4)	14	10	2022	6Diax12	---	14	28.28	45	3564	---	Engraved
3	Footing & Footing Beam (1:2:4)	14	10	2022	6Diax12	---	13.2	28.28	33	2614	---	Engraved
4	Footing & Footing Beam (1:2:4)	14	10	2022	6Diax12	---	13.8	28.28	47	3723	---	Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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Note: Above results pertain to the unsealed samples supplied to the laboratory

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ORIGINAL
A carbon copy for the report has been retained in the lab for record.

4286
Dr. Umbreen

To: **Mr. Arif Siddique**
Ideal Construction Services

Project: Construction of FMH Tower, Lahore.

Our Ref. No. CL/CED/ 441 **Dated: 22/11/2022** **Test Specification**

Your Ref. No. ICS/786/465 **Dated: 21/11/2022** **(ASTM C39)**

COMPRESSION TEST REPORT

Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specimens received on: 21/11/2022 Tested on: 22/11/2022 in dry/wet condition

ONLINE REPORT

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	---	20	10	2022	6Diax12	---	13.2	28.28	61	4832	---	Non Engraved
2	---	20	10	2022	6Diax12	---	13	28.28	59	4673	---	Non Engraved
3	---	20	10	2022	6Diax12	---	13.2	28.28	67	5307	---	Non Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Nil

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

Plain and Reinforced Concrete Laboratory
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ORIGINAL
A carbon copy for the report has been retained in the lab for record.

4260
Dr. Umbreen

To: **Mr. Muhammad Asif**
Project Manager, Imperium Developer

Project: Construction of Sixty6 at Gulberg-III, Lahore.

Our Ref. No. CL/CED/ 442 **Dated: 22/11/2022** **Test Specification**

Your Ref. No. IMP/PM/66/11/08 **Dated: 15/11/2022** **(ASTM C39)**

COMPRESSION TEST REPORT

ONLINE REPORT

Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specimens received on: 16/11/2022 Tested on: 22/11/2022 in dry/wet condition

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	6000 Psi	14	10	2022	6Diax12	---	13.6	28.28	96	7604	---	Non Engraved
2	6000 Psi	14	10	2022	6Diax12	---	13.2	28.28	94	7446	---	Non Engraved
3	6000 Psi	16	10	2022	6Diax12	---	13.8	28.28	104	8238	---	Non Engraved
4	6000 Psi	16	10	2022	6Diax12	---	13.6	28.28	96	7604	---	Non Engraved
5	6000 Psi	18	10	2022	6Diax12	---	13.8	28.28	98	7762	---	Non Engraved
6	6000 Psi	18	10	2022	6Diax12	---	13.4	28.28	86	6812	---	Non Engraved
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Nazam Sohail

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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ORIGINAL
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4199
Dr. Umbreen

To: Mr. Muhammad Ashraf
Construction Engineer, Mines Labour Welfare Commissioner Punjab, Lahore.

Project: Establishment of Mines Labour Welfare Dispensary for the Sand/Gravel Workers/Labour at Talagang Road Zone 3 Mithrala District Chakwal.

Our Ref. No. CL/CED/ 443 Dated: 22/11/2022 Test Specification

Your Ref. No. MLW/C.E/MT/50/17/14275 Dated: 07-11-22 (BS 3921**)

COMPRESSION TEST REPORT

Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specimens received on: 08-11-22 **Tested on:** 22/11/2022 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	PR1	---	---	---	8.9 x 4.4 x 3	3590	3075	39.16	32	1830	16.75	---
2	PR1	---	---	---	8.7 x 4.3 x 3	3420	3040	37.41	47	2814	12.5	---
3	PR1	---	---	---	8.8 x 4.3 x 2.9	3235	2785	37.84	23	1362	16.16	---
4	PR1	---	---	---	8.9 x 4.3 x 2.9	3345	2845	38.27	19	1112	17.57	---
5	PR1	---	---	---	8.9 x 4.3 x 3.1	3570	3000	38.27	20	1171	19	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
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12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

1. * as engraved on the specimens (if any)
2. ** BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. *** BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
4. **** ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as comprerssive strength

Note: Above results pertain to the unsealed samples supplied to the laboratory

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

Plain and Reinforced Concrete Laboratory
Civil Engineering Department
University of Engineering and Technology, Lahore. Pakistan
Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
A carbon copy for the report has been retained in the lab for record.

4199
Dr. Umbreen

To: Mr. Muhammad Ashraf
Construction Engineer, Mines Labour Welfare Commissioner Punjab, Lahore.

Project: Establishment of Mines Labour Welfare Dispensary for the Sand/Gravel Workers/Labour at Talagang Road Zone 3 Mithrala District Chakwal

Our Ref. No. CL/CED/ 444 Dated: 22/11/2022 Test Specification

Your Ref. No. MLW/C.E/MT/50/17/14276 Dated: 07-11-22 (BS 3921**)

COMPRESSION TEST REPORT

Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specimens received on: 08-11-22 **Tested on:** 22/11/2022 **in dry/wet condition**

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	MB	---	---	---	8.5 x 4.2 x 2.9	3025	2535	35.7	45	2824	19.33	---
2	MB	---	---	---	8.3 x 4.2 x 2.9	2990	2580	34.86	49	3149	15.89	---
3	MB	---	---	---	8.3 x 4.1 x 2.8	2990	2600	34.03	45	2962	15	---
4	MB	---	---	---	8.4 x 4.2 x 2.9	3075	2580	35.28	48	3048	19.19	---
5	MB	---	---	---	8.6 x 4.2 x 2.9	3030	2525	36.12	34	2109	20	---
6	---	---	---	---	---	---	---	---	---	---	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
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14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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Note: Above results pertain to the unsealed samples supplied to the laboratory

1.The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
2.The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**

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Landline: 042-99029245 & 042-99029202 Mobile: 0307-0496895

ORIGINAL
A carbon copy for the report has been retained in the lab for record.

4292
Dr. Umbreen

To: **Mr. Amer Ishaq**
Akbar & Associates, Consulting Engineers

Project: Construction of Ashiana Cotton Products Jhang.

Our Ref. No. CL/CED/ 445 **Dated: 22/11/2022** **Test Specification**

Your Ref. No. AA/L/ACP/01/2022 **Dated: 21-11-22** **(----)**

COMPRESSION TEST REPORT

Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specimens received on: 21-11-22 Tested on: 22/11/2022 in dry/wet condition

ONLINE REPORT

Sr. No.	Mark*	Casting Date* DD	MM	YYYY	Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
1	Uni-Block, Grey, 80 mm	---	---	---	3.2 thick	---	4620	37.44	104	6222	---	---
2	Uni-Block, Grey, 80 mm	---	---	---	3.2 thick	---	4540	37.44	150	8974	---	---
3	Uni-Block, Grey, 80 mm	---	---	---	3.2 thick	---	4530	37.44	116	6940	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by: Nil

Results can also be seen on website https://civil.uet.edu.pk/concrete-laboratory-reports1/

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Supervisor (Lab) **Director/Dy. Director Concrete Laboratory**